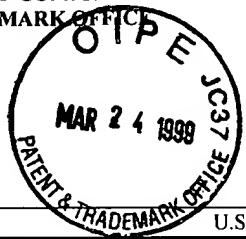


FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY FIRM/ETC. NO. TSRI 184.2CS	SERIAL NO. 09/512,568		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT Hein, et al.			
				FILING DATE February 24, 2000			
U.S. PATENT DOCUMENTS							
EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE



FOREIGN PATENT DOCUMENTS							
EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

PTB	12.	Hiatt, et al., "Production of Antibodies in Transgenic Plants", <u>Nature</u> , 342:76-78 (1989)
1	13.	Horsch, et al., "A Simple and General Method for Transferring Genes into Plants", <u>Science</u> , 227:1229-1231 (1985)
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	16.	Lutcke, et al., "Selection of AUG Initiation Codons Differs in Plants and Animals", <u>Embo Journal</u> , 6(1):43-48 (1987)
	17.	Ma, et al., "Assembly of Monoclonal Antibodies with IgG1 and IgA Heavy Chain Domains in Transgenic Tobacco Plants", <u>Eur. J. Immunol.</u> , 24:131-138 (1994)
	18.	Mach, Jean-Pierre, "In Vitro Combination of Human Bovine Free Secretory Component with IgA of Various Species", <u>Nature</u> , 228:1278-1282 (1970)
	19.	Pautot, et al., "Expression of a Mouse Metallothionein Gene in Transgenic Plant Tissues", <u>Gene</u> , 77:133-140 (1989)
	20.	Poehlman, John M., Breeding Field Crops; AVI Publishing Co. Inc., Chapter 3: Gene Recombination in Plant Breeding pp. 38-63 (1986)
	21.	Thiele, et al., "Mammalian Metallothionein is Function in Yeast", <u>Science</u> , 231:854-856 (1986)
	22.	Thorens and Vassalli, "Chloroquine and Ammonium Chloride Prevent Terminal Glycosylation of Immunoglobulins in Plasma Cells without Affecting Secretion", <u>Nature</u> , 321:618-620 (1986)
	23.	Vandekerckhove, et al., "Enkephalins Produced in Transgenic Plants Using Modified 2S Seed Storage Proteins", <u>Biotechnology</u> , 7:929-932 (1989)
✓	24.	von Heijne, Gunnar, "Signal Sequences: The Limits of Variation", <u>J. Mol. Biol.</u> , 184:99-105 (1985)

EXAMINER	<i>Phuong Bui</i>	DATE CONSIDERED	<i>12/8/00</i>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY Dkt. NO. TSRI 184.2C9	SERIAL NO. 09/512,568			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Hein, et al.				
		FILING DATE February 24, 2000				
U.S. PATENT DOCUMENTS						
EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
PTB	4,762,785	8/9/88	Comai			
	4,771,002	9/13/88	Gelvin			
	4,816,397	3/28/89	Bois, et al.			
	4,816,567	3/28/89	Cabilly, et al.			
↓	4,956,282	9/11/90	Goodman, et al.			

FOREIGN PATENT DOCUMENTS						
EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
PTB	WO87/00865	2/12/87	WIPO			
PTB	WO88/04936	7/14/88	WIPO			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

PTB	1.	Azipura, et al., "Oral Vaccination: Identification of Classes of Proteins that Provoke an Immune Response upon Oral Feeding", <u>J Exp. Med.</u> , 167:440-451 (1988)
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	6.	During, et al., "Synthesis and Self-Assembly of a Functional Monoclonal Antibody in Transgenic Nicotiana Tabacum", <u>Plant Molecular Biology</u> , 15:281-293 (1990)
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	8.	Edelman, et al., "The Covalent Structure of an Entire γG1 Immunoglobulin Molecule", <u>Proc. Natl. Acad. Sci., USA</u> , 63:78-85 (1969)
	9.	Eicholtz, et al., "Expression of Mouse Dihydrofolate Reductase Gene Confers Methotrexate Resistance in Transgenic Petunia Plants", <u>Somatic Cell and Molecular Genetics</u> , 13(1):67-76 (1987)
	10.	Graves and Goldman, "The Transformation of Zea Mays Seedlings with Agrobacterium Tumefaciens Detection of T-DNA Specific Enzyme Activities", <u>Plant Molecular Biology</u> , 7:43-50 (1986)
↓	11.	Hein, et al., "Evaluation of Immunoglobulins from Plant Cells", <u>Biotechnol. Prog.</u> , 7:455-461 (1991)

EXAMINER <i>Phuong Bui</i>	DATE CONSIDERED <i>12/8/00</i>
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